

Curriculum Vitae

Reidar K. Lie
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CURRENT POSITION

Senior Research Fellow
Department of Clinical Bioethics NIH

EDUCATION

Ph.D (Philosophy) July 1987
University of Minnesota, Minneapolis
Thesis: "Theory change in cardiovascular research"

M.D., June 1983.
University of Bergen

Mag.art. (Philosophy) September 1982
University of Bergen
Thesis: "Acceptance and rejection of hypotheses in medical science"

OTHER AND PREVIOUS ACADEMIC POSITIONS

Professor of Philosophy, 1995
University of Bergen

Adjunct Professor, 2000
Thammasat University, Bangkok Thailand

Assistant Professor. 1987 – 1989
Department of Medical Humanities
School of Medicine
East Carolina University, Greenville, North Carolina,

Director, 1989 – 1995
Center for Medical Ethics
University of Oslo

Professor of Medical Ethics, 1992 – 1995
University of Oslo

EDITORIAL POSITIONS

Editorial Advisory Board

Journal of Medicine and Philosophy

Editorial Advisory Board

Theoretical Medicine

Editorial Advisory Board

Ethical Perspectives

Editorial Advisory Board

Developing Countries Bioethics

Editorial Advisory Board (1994-1997)

Social Science and Medicine

BOARDS AND OTHER POSITIONS

INTERNATIONAL RESEARCH REVIEW COMMITTEES

Review of research proposals for funding under the Quality of Life Programme, European Commission, 1999-2001

Ethics review of funded research, European Commission, 1998-2001

Review of research proposals for funding, Belgian Research Council, 2001

NATIONAL COMMITTEES

Member, 1991-1992

Commission of the Ministry of Health on Psychiatry and Lobotomy in Norway,

Member, 1994

Commission appointed by the Social Security Court on definition of disease for the purpose of sickness certification.

OTHER WHO CONSULTANCIES

Organized one-week training workshops for faculty of medical and nursing schools funded by WHO-SEARO in Sri Lanka and Nepal. A total of five workshops between 1996 and 1998

Organized three day training workshops for members of research ethics committees in Geneva, Brazil, South Africa and India 1998-1999, funded by UNAIDS

Organized three day to one week training workshops in Thailand, Indonesia, India, Japan, Nigeria 2000-2002

TEACHING EXPERIENCE

PH.D. STUDENTS SUPERVISED

Per Nortvedt: Sensitive Judgment. Nursing, Moral Philosophy and an Ethics of Care, University of Oslo 1996

Per Sandberg: University of Trondheim, 1996. Genetic Information and Life Insurance: A proposal for an Ethical European Policy.

Lars Fjell Hansson: Autonomy and paternalism in health promotion, University of Oslo, 1997

Ole Frithjof Norheim, M.D.: Limiting access to health care: A contractualist approach to fair rationing. University of Oslo, 1998

Hans Magnus Solli, M.D.: An ethical analysis of the use of medical knowledge in welfare politics. Norwegian social welfare as a case. Current.

Banson Barugahare. Ethical issues in clinical trial collaborations with developing countries. Current

Sanga Intajak. Human rights, equity and health sector reform: A Thai perspective. Current

Jon Vegar Hugaas. Buddhist and Christian perspectives on euthanasia. Current.

S. Sujeevan. Equity and Health Sector Reform in Sri Lanka. Current

PUBLICATIONS

BOOKS AND SPECIAL ISSUES OF JOURNALS EDITED

Gilje N, Lie R, Skirbekk G. Kompendium i medisinsk etikk og vitenskapsteori. Universitetsforlaget, Oslo 1982

Greve G., Lie RK, Rotevatn S, eds. The heart under normal and pathological conditions: Comparative and experimental studies Acta Physiologica Scandinavica, S 599, 1991

Lie RK. Etikk og moderne nyfødtmedisin, Statens helsetilsyn, 1994.

Lie RK, Halvorsen RS, Brantsæter MC. Homoseksualiteter på norsk. Rapport fra en forskningskonferanse. Bergen, 1996

Kasturiaratchi, N. Lie, Reidar K., Seeberg J. Health Ethics in six SEAR countries. WHO-SEARO, New Delhi, 1999

Lie RK, Schotsmans P, eds Healthy thoughts: European Perspectives on Health Care Ethics. Peeters Verlag, Leuven, 2002.

INTERNATIONAL SCIENTIFIC JOURNALS

Saetersdal T, Jodalen H, Lie R, Rotevatn S, Engedal, H, Myklebust R. Effects of isoproterenol on the dense core and perigranular membranes of atrial specific granules. *Cell Tissue Res* 1979; 199: 213-224.

Saetersdal T, Engedal H, Lie R, Myklebust R. On the origin of Z-band material and myofilaments in myoblasts from the human atrial wall. *Cell Tissue Res* 1980; 207: 21-29.

Lie R, Jodalen H, Rotevatn S. Accumulation of myocardial lipid droplets in dexamethasone treated mice. *Cell Tissue Res* 1981; 216: 661-663.

Jodalen H, Lie R, Rotevatn S. Effect of isoproterenol on lipid accumulation in myocardial cells. *Res Exp Med (Berl)* 1982; 181: 239-244.

Rotevatn S, Jodalen H, Lie R. Propranolol induced lipid accumulation and mitochondrial granularity of myocardial cells. *Cardiovascular Research* 1983; 17: 290-293.

Lie R. The use of interval estimators as a basis for decision making in medicine. *Theoretical Medicine* 1984; 5: 233-240.

Kaisen A, Kjetsa G A, Lie R K, Hjetland R, Haaland P T, Moller P, Oulie H E, Tveit T, Maeland J G. Interns' evaluation of their preparation for general practice: A comparison between the University of Tromso and the University of Bergen. *Medical Education* 1984; 18: 349-354.

Lie R. An examination and critique of Harsanyi's version of utilitarianism. *Theory and Decision* 1986; 21: 65-83

Lie R. The 'border zone controversy' - a study of theory structure in biomedicine. *Theoretical Medicine* 1986; 7:243-258

J. Schaefer, R. K. Lie, T Kenner, M Franz, K F Schaffner, D. Burkhoff, K Sagawa, D. T. Yue. Letter to the editor: A place for theoretical cardiology? *Basic Research in Cardiology* 1987; 82: 317-318

K. Sagawa, R. Lie, J. Schaefer. Introduction to and translation of O. Frank: Die Grundform des arteriellen Pulses. *J Mol Cell Cardiol* 1990; 22; 253 - 277.

Lie R. Patterns of theory change in biomedicine: A case study from cardiology. *Synthese* 1991; 89:75-88

Lie R. The angina pectoris controversy during the 1920s *Acta Physiologica Scandinavica* 1991, S599, 129-141

de Cuzzani P, Lie R. The importance of epistemology for clinical practice. *Theoretical Medicine* 1991; 12: 87-90

Brody B, Lie RK. Methodological and conceptual issues in health system comparisons: Canada, Norway and the United States. *Journal of Medicine and Philosophy* 1993;18:437-463

Brody B, Lie RK. Response to Poullier. *Journal of Medicine and Philosophy* 1993; 18:475-476

Lie RK. Experimental treatment, rationing and values. *Social Science and Medicine* 1994; 39:1011-1014

Fonseca OQ, Lie RK. Informed consent to preventive AIDS vaccine trials in Brazil: a pilot study. *AIDS and Public Policy Journal* 1995; 10:22-26

Lie R. K. Medisinsk etikk, Foucault og homoseksualitet. *Lambda Nordica* 1997; 3(4):41-49

Lie R. K. Ethics of the physician-patient relationship. *Ethical Perspectives* 1998

Lie R.K. The perinatal HIV transmission studies. *Bioethics* 1998;12:307-311

Jayasinghe S, de Silva D, Mendis N, Lie RK. Ethics of resource allocation in developing countries: the case of Sri Lanka. *Social Science and Medicine* 1998; 47:1171-1180

Fonseca OQ, Lie RK. Comprehension of informed consent form and general knowledge of vaccines among potential participants for an HIV vaccine trial in Brazil. *International Journal of Pharmaceutical Medicine* 1999;13:233-260

Lie RK. Ethical issues in international collaboration in vaccine trials. *Archives of clinical bioethics* 1999;2:15-18

Lie RK. Intellectual property rights and confidentiality. *Acta Tropica* 2001; 28, supplement 1, 54-61

Biller N, Lie, RK, ter Meulen R. Evidence based medicine as an instrument for rational health policy. *Health Care Analysis* 2002; 10 (4)

OTHER ORIGINAL PUBLICATIONS

Hjetland R, Haaland P T, Kaisen A, Kjetså G A, Lie R K, Møller P, Oulie H, Tveit T, Mæland J G. Turnuskandidaters syn på medisinerutdanningen. En undersøkelse blant nyutdannede kandidater fra Tromsø og Bergen. *Tidsskrift for den norske lægeforening* 1983; 103: 936-939 (Norwegian version of "Interns' evaluation of their preparation..." above)

Lie R. En kritikk av Ronald Dworkin's argument mot en utilitarisme uten restriksjoner. *Norsk Filosofisk Tidsskrift* 1988; 23: 213-222.

Lie R. Homoeopati - vitenskap eller pseudovitenskap? In L. Gule, H. Laugerud (ed), *Vitenskap og verdensbilder*. Ariadne Press, 1989: pp. 260-279.

Lie R. Anmerkungen zur Analyse des Fortschrittsbegriffes in den experimentellen biomedizinischen Wissenschaften: Eine Fallstudie aus der kardio-vaskulären Physiologie. In: Deppert W, Kliemt H, Lohff B, Schaefer J, eds. *Wissenschaftstheorien in der Medizin. Ein Symposium*. Walter de Gruyter Verlag, Berlin, 1992, 355-69

Schaefer J, Lie RK. Zwei Beispielhafte Illustrationen zum Reduktionismusproblem in der Medizin. In: Deppert W, Kliemt H, Lohff B, Schaefer J, eds. *Wissenschaftstheorien in der Medizin. Ein Symposium*. Walter de Gruyter Verlag, Berlin, 1992, 403-419

Schaefer J, Deppert W, Lie RK, Lohff B, Noble MIM. Historical note on the translation of H.P. Bowditch's paper 'Ueber die Eigenthümlichkeiten der Reizbarkeit, welche die

Muskelfasern des Herzens zeigen". In: Noble MIM, Seed WA, eds. *The Interval Force Relationship of the Heart*. Cambridge University Press, Cambridge 1992, 31-9

Schaefer J, Deppert W, Lie RK, Lohff B, Noble MIM. Translation of H.P. Bowditchs paper: 'Ueber die Eigenthümlichkeiten der Reizbarkeit, welche die Muskelfasern des Herzens zeigen". In: Noble MIM, Seed WA, eds. *The Interval Force Relationship of the Heart*. Cambridge University Press, Cambridge 1992, 3-30.

Lie R. Ludwik Fleck and Philosophy of Medicine. In: *Science, Technology and the Art of Medicine: European- American Dialogues*, ed. Corinna Delkeskamp & Mary Ann Gardell Cutter, 1993

Lie RK. Forskningsens innhold. Det medisinske fakultets historie. In *Universitetet i Bergens historie, bind II. Universitetet i Bergen*, Bergen 1996, pp. 318-389; 760-778

Lie RK . Genetiske tester og kunnskap om risiko om sykdom. In: Egil Ruud og Britta Nilsson, red. *Hver for seg små - sammen store. Frambu-Senter for sjeldne funksjonshemninger*, Oslo, 1997, ss. 39-43.

Lie RK. Ethical dilemmas and resource allocation. Two questionnaire studies. WHO-SEARO, New Delhi 1999

Lie RK. Ethical issues in clinical trial collaborations with developing countries - with special reference to preventive HIV vaccine trials with secondary endpoints. UNAIDS Working Paper, 1997

Lie RK. Etterord til oversettelsen av Steven Shapin's The scientific revolution. 1999

Lie RK. Justice and international research. In: Robert Levine, Samuel Gorowitz, eds. Biomedical research ethics: Updating international guidelines. A consultation. CIOMS, Geneva, 2000, pp. 27-40

Lie RK. The ethics of the patient physician relationship. The Anglo-American Approach in European context. In: Lie RK, Schotsmans P, eds Healthy thoughts: European Perspectives on Health Care Ethics. Peeters Verlag, Leuven, 2002, pp.7-26

Lie RK. Randomised clinical trials. In Lie RK, Schotsmans P, eds Healthy thoughts: European Perspectives on Health Care Ethics. Peeters Verlag, Leuven, 2002. pp 171-206

SURVEY ARTICLES AND REVIEWS (SELECTED)

Lie RK. Bruk av beslutningsteori i medisinsk virksomhet. In Gilje N, Lie R, Skirbekk G, eds. *Kompendium i medisinsk etikk og vitenskapsteori*. Universitetsforlaget, Oslo, 1982.

Lie RK. Annotert bibliografi i medisinsk etikk. I Gilje N, Lie R, Skirbekk G, eds. *Kompendium i medisinsk etikk og vitenskapsteori*. Universitetsforlaget, Oslo, 1982.

Lie R K. The Philosopher as Physician: Testing clinical hypotheses. In Elliot Cohen, ed. *Philosophers at Work. An Introduction to the Issues and Practical Uses of Philosophy*, Holt, Rinehart, and Winston, New York, 1989, pp. 203-211.

Tranøy KE, Lie R, Solbakk JH. Medisinsk etikk. *Tidsskrift for den norske lægeforening* 1990; 110: 2179 - 2180.

Hansson LF, Ruyter K, Lie RK. Prioriteringer i helsevesenet i Oregon. Hva kan vi lære? *Tidsskr nor lægeforen* 1991;11:3416-9

Lie RK. HIV-infeksjon og taushetsplikten. Korrespondanse. *Tidsskr Nor Lægeforen* 1992;12:112-113

Lie RK: Sykdomsbegrepet og årsaksbegrepet. In T. Bjerkedal, ed. *Forebyggende medisin*, Universitetsforlaget, Oslo 1992, 18-25

Lie RK, Paulsen JE. Bioethics in Scandinavia, 1989 - 1991. In Lustig BA, Brody BA, Engelhardt HT, McCullough LB. *Regional Developments in Bioethics*, 1989-1991. Kluwer Academic Publishing Group, Dordrecht 1992, 279-308

Hermeren G, Holm S, Lie RK. Bioethics in Scandinavia, 1991 - 1993. In Lustig BA, Brody BA, Engelhardt HT, McCullough LB. *Regional Developments in Bioethics*, 1991-1993. Kluwer Academic Publishing Group, Dordrecht 1994, 301-326.

Lie RK. En del grunnleggende etiske spørsmål i moderne nyfødttmedisin, Statens helsetilsyn, 1994

Lie RK. Annotated bibliography on health policy and equity. ETHICA Working Papers, 1997

Lie RK. Report of a workshop on Community Advisory Boards - Bergen, April 1997. ETHICA working papers, 1997

BOOK REVIEWS

Fagot, Medecine et probabilites. *Theoretical Medicine* 1987; 8: 247-248.

L. Berger, Psychoanalytic theory and clinical relevance. What makes a theory consequential for practice? *Theoretical Medicine* 1987; 8: 248-250.

E. Shelp, ed. Virtue and Medicine. Explorations in the character of medicine. *Theoretical Medicine* 1987; 8: 379-382

D. VanDeVeer, Paternalistic Intervention. The Moral Bounds of Benevolence. *Theoretical Medicine* 1988; 9: 373-376.

G. Agich and C. Begley, eds. The Price of Health. *Theoretical Medicine* 1988; 9: 376-378.

R. C. McMillan, H. T. Engelhardt, S. F. Spicker (eds). Euthanasia and the newborn. *Theoretical Medicine* 1989; 10: 269-270

Daniel A. Albert, Ronald Munson, Michael D. Resnik. Reasoning in Medicine. An Introduction to Clinical Inference. *Theoretical Medicine* 1989; 10: 272-273

Johnson AG. Pathways in medical ethics. *Tidsskrift for den norske lægeforening* 1991;11:805-807.

Malmgren H. Medicinsk etikk. En sosialfilosofisk analys. *Tidsskr nor lægeforen* 1991;111:1457.

Fulford KWM. Moral theory and medical practice. *ESPMHC Newsletter* May, 1991, 58-60.

I Löwy. The Polish School of Philosophy of Medicine. *Social Science and Medicine* 1992; 34-335-336

N. Daniels, J. Sabin. Setting Limits Fairly. Can we learn to share medical resources? *Journal of Health Politics, Policy and Law*, 2002

OTHER

Reidar K. Lie and Loretta M. Kopelman. A Conversation about Wittgenstein with K. E. Tranoy. Videotape, Center for Medical Communications, East Carolina University School of Medicine, 1988.

PRESENTATIONS

INVITED PRESENTATIONS AND KEYNOTE ADDRESSES AT MAJOR MEETINGS

Ethics and Resource Allocation

Invited presentation, 20th Congress of the International Society of Internal Medicine, Stockholm, June 18, 1990

Ethical issues in preventive AIDS vaccine development

Annual meeting of the American Association for the Advancement of Science, San Francisco, February 20, 1994

Challenges in Cross-cultural medical ethics

Keynote address of the Bioethics "Mega-meeting", Pittsburgh, October 1994.

The World Bank. Investing in Health

Invited presentation at the III. World Congress of Bioethics, San Francisco," November 1996

Ethical issues in the physician patient relationship

Keynote address at the annual meeting of the European Ethics Network, Leuven, Belgium, September 1997

Issues in cross-cultural bioethics

Invited presentation at the Annual meeting of the American Anthropological Association, Washington DC, November 1997

*OTHER SELECTED INVITED PRESENTATIONS***Ethical problems in xenotransplantation**

Espace Europeen des Sciences et des Arts, Strasbourg, June 29 - July 2, 1992

Ethical issues in preventive AIDS vaccine development

University of Sao Paulo, Sao Paulo, Brasil, December 1993.

Randomised Clinical Trials: A conflict between sound methodology and responsible ethics

Presented at a Wellcome Symposium on "Medicine and Mathematics" in London, March, 1996

Human Rights, equity and health sector reform

Harvard University, November 1998

Ethical issues in international research

EU workshop on training trialists, Annecy, France, March 1999

Intellectual property rights and research ethics

African Malaria Treatment and Vaccine Network, Arusha, Tanzania, November 1999

PRESENTATIONS AT MEETINGS (SELECTED)

Philosophy and Medicine

2nd Inter-Nordic Philosophy Symposium. Bergen, Norway, 1982.

Theory development in biomedicine

Forum for Philosophy of Science, University of Bergen, Bergen, Norway, November, 1982.

Ethical Issues in Clinical Psychiatric Research.

Department of Psychiatry, University of Bergen, Bergen, Norway, 1983.

Choice of Therapy Based on Clinical Trials - Some Problems

Department of Surgery, University of Bergen, Bergen, Norway, 1983.

Theory development in cardiology

Forum for Philosophy of Science. University of Bergen, Bergen, Norway, October 1985.

Empirical evidence and confirmation of theories - an analysis of the 'border zone controversy

International Institute for Theoretical Cardiology, Bad Orb, Federal Republic of Germany, June 20-21, 1986.

The angina pectoris controversy during the 1920s - why was the coronary theory accepted?

The annual meeting of the American Association of the History of Medicine, Philadelphia, May 1987

Epistemology and the heart beat - some foundational problems in electrocardiology

The second annual symposium of the International Institute for Theoretical Cardiology, Stanford, CA, November 21, 1987

Theory change in cardiovascular research

Department of Philosophy, University of Minnesota, Minneapolis, October 30, 1987

Dworkin on external preferences

The annual meeting of the Eastern Division of the American Philosophical Association, New York, December 27-30, 1987

Presentations on medical ethics, philosophy of science, and history of cardiology. Universities of Oslo and Bergen, Norway, March 1988.

Bowditch revisited - historical review (with Jochen Schaefer)

British Society for Cardiovascular Research, Guildford Postgraduate Medical Centre, New Royal Surrey Hospital, England, April 27, 1988.

An examination of the dominant theoretical presuppositions of Norwegian Philosophy of Science

78th Annual Meeting of the Society for the Advancement of Scandinavian Study, Eugene, Oregon, April 29, 1988.

Paradigm shifts in cardiology: A re-examination of Otto Frank's contribution to cardiac mechanics (with Jochen Schaefer).

9th International Conference of the Cardiovascular System Dynamics Society, Halifax, Nova Scotia, November 8-10, 1988.

The rise of the new cardiology in Britain in the 1920s - Inadequacies in the social constructivists' account

8th Inter-Nordic Philosophical Symposium, Oslo May 18-20, 1989

Das Fortschrittproblem in der Medizin

IV Annual Symposium of the International Institute for Theoretical Cardiology, Bad Orb, FRG, September 22-23, 1989

Medical Ethics in Norway

Department of Medical Humanities, Michigan State University, East Lansing, Michigan, February 9, 1990

Quality of Life." Some philosophical reflections

WHO conference, Tromsø, Norway, May 31, 1991

Methodological and conceptual issues in health care system comparisons: Canada, Norway, and the United States

VIth Conference of the ESPMH, Budapest, August 1992

Attitudes of Norwegian primary care physicians towards ethical issues raised by AIDS

VIII International Conference on AIDS, Amsterdam, July 1992

Clinical trial methodology: A challenge for the emerging discipline of philosophy of medicine

Center for Clinical Medical Ethics, University of Chicago, September 14, 1992

Lectures on Medical Ethics, various Universities in Sri Lanka, 1992 – 1995

Ethical issues in living organ donation.

Conference on organ transplantation. Yale University, April 1993

Ethical issues in human subjects research

Conference on "Ethical considerations for publishing clinical research in international journals" Moskva, Russia, April 7 - 8, 1994 (Co- organizer of the conference).

What to do when a clinical trial is controversial

Presented at the III. World Congress of Bioethics, San Francisco, November 1996

Consensus conferences as political instruments.

Biannual Conference of the Philosophy of Science Association, Kansas City, USA, 1998

Human rights and health policy

Fourth International Prioritization Conference, Oslo, Norway, 2002

Equity, and health sector reform in Sri Lanka and Thailand

Biannual conference of the IAB, Brasilia, 2002